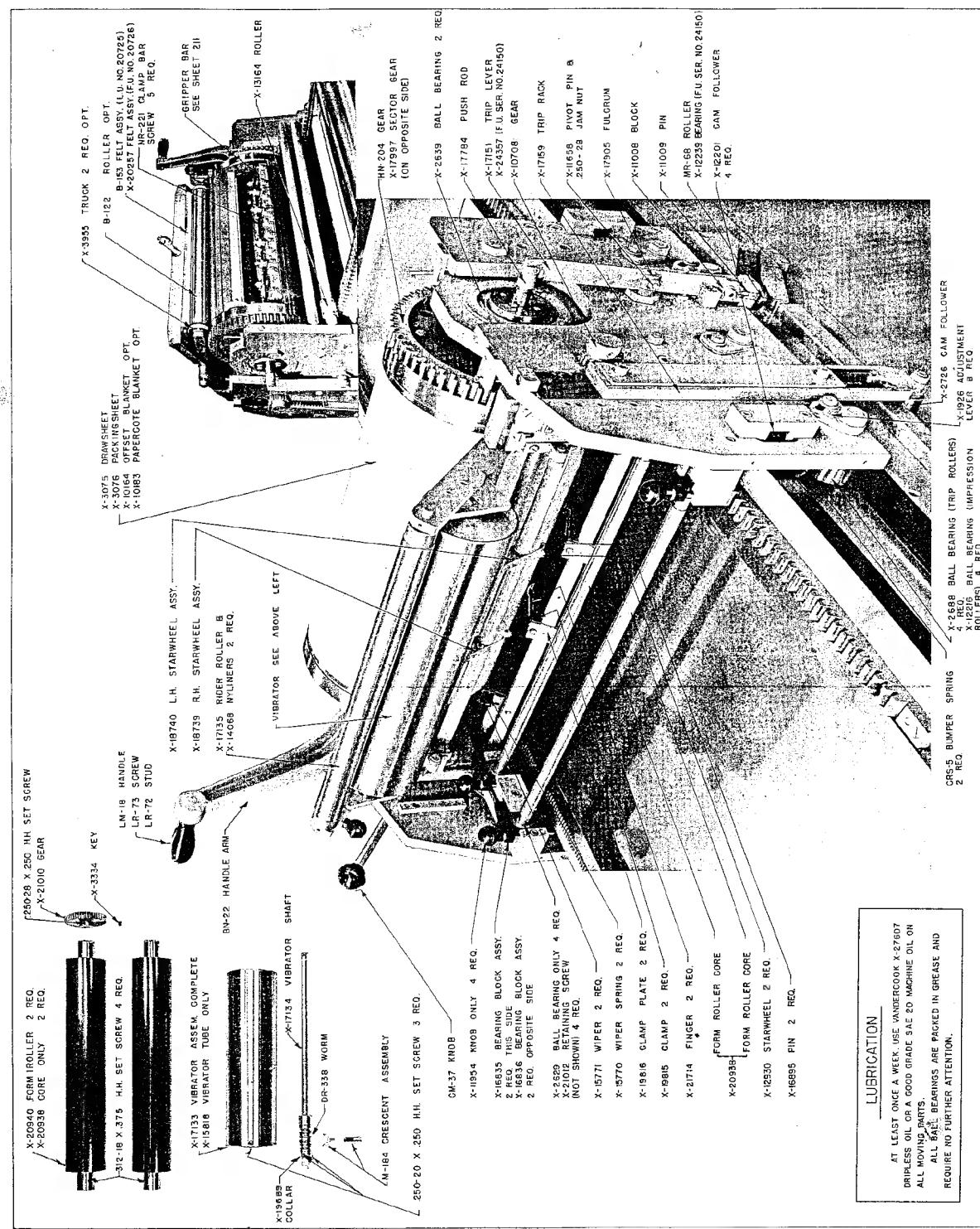


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**LUBRICATION**

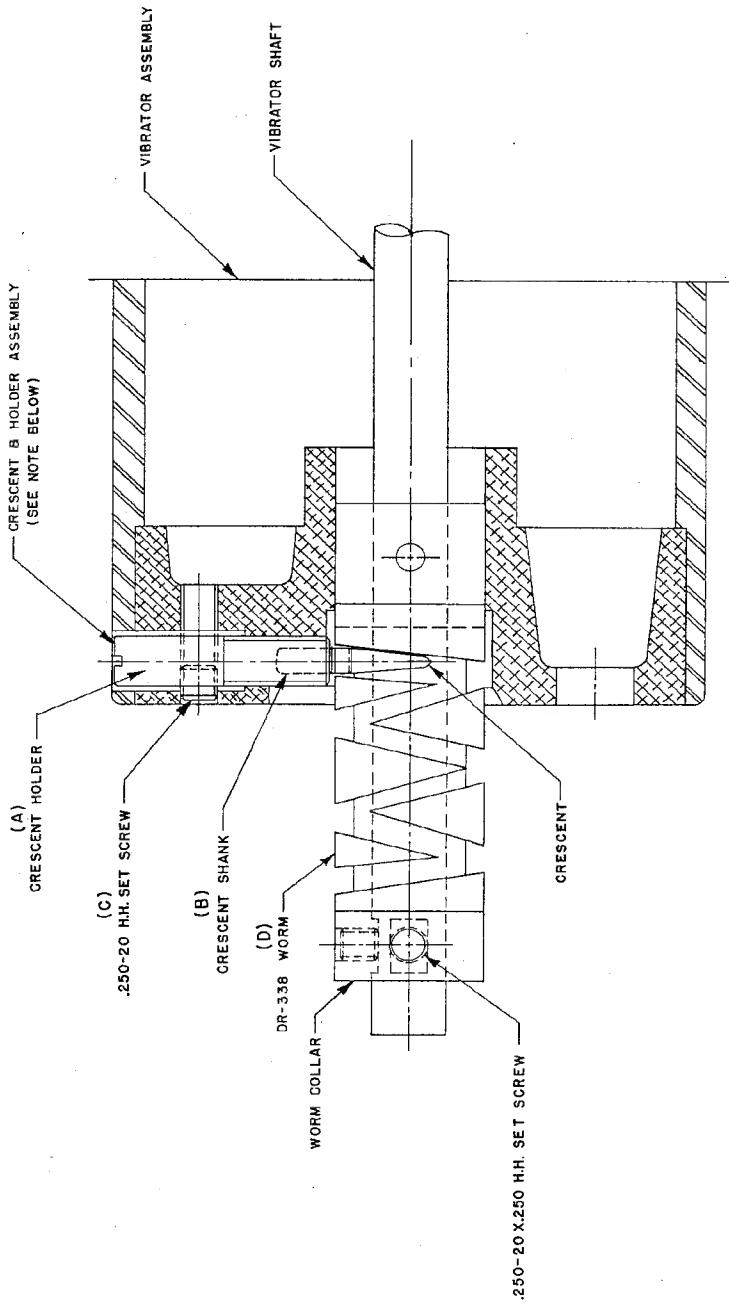
AT LEAST ONCE A WEEK, USE VANDERCOOK X-27607 DRIPLESS OIL OR A GOOD GRADE SAE 20 MACHINE OIL ON ALL MOVING PARTS.

ALL BALL BEARINGS ARE PACKED IN GREASE AND REQUIRE NO FURTHER ATTENTION.

VANDERCOOK UNIVERSAL III TEST PRESS

FU 20333

SHFT NO 211A



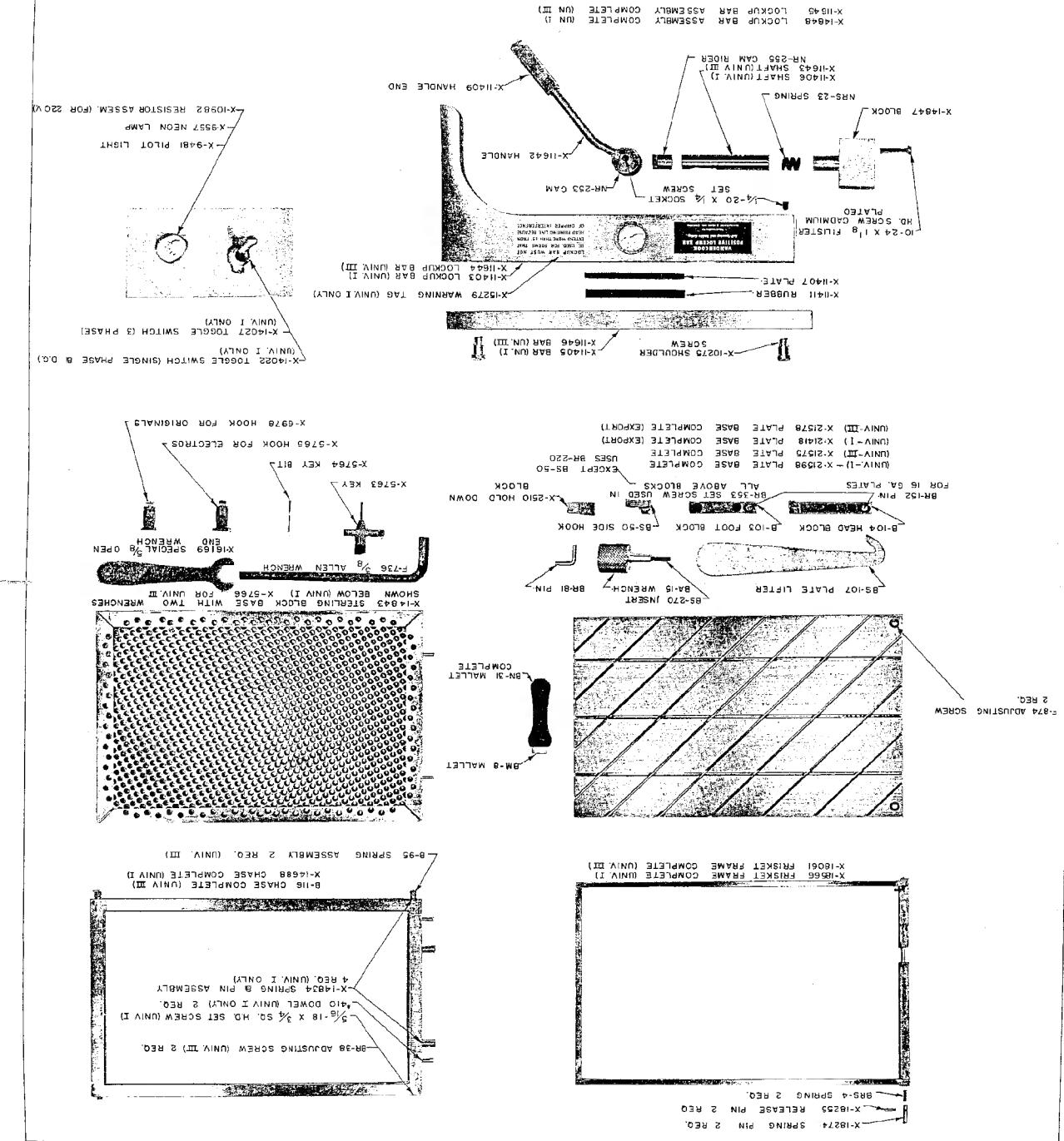
PARTIAL SECTION VIEW OF INK DRUM VIBRATOR ASSEMBLY

- ① ADJUST CRESCENT HOLDER-(A) UNTIL IT TOUCHES END OF CRESCENT SHANK-(B). THEN BACK OFF 3/4 OF A TURN AND LOCK HOLDER WITH 250-20 H.H. SET SCREW-(C). THIS SETTING MUST ALLOW WORM-(D) TO ROTATE FREE OF ANY DRAG, TRAVELING FULL LENGTH BOTH DIRECTIONS.
- ② COAT VIBRATOR WORM WITH GRAPHITE GREASE OR VASELINE.

NOTE— CRESCENT AND HOLDER ASSEMBLY AS SHOWN IS PART NO. M-164. THE ABOVE INSTRUCTIONS APPLY ALSO TO X-2031 CRESCENT AND HOLDER ASSEMBLY (NOT SHOWN).

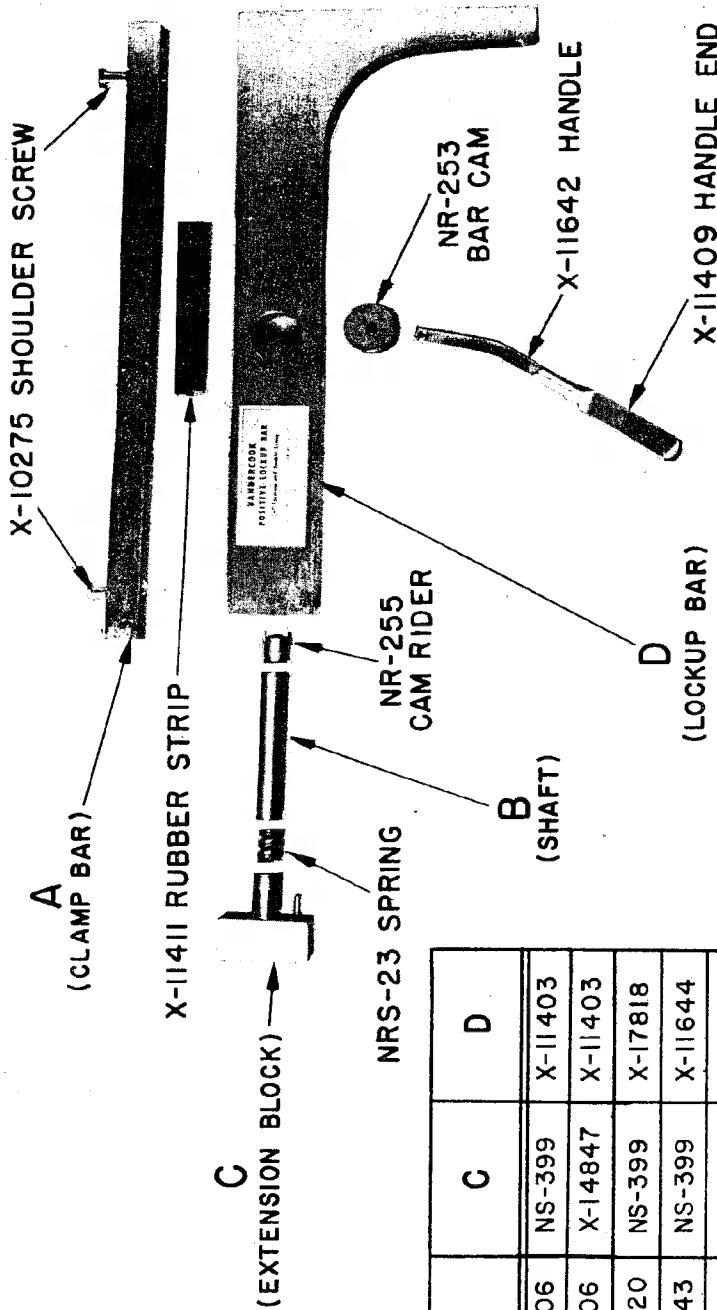
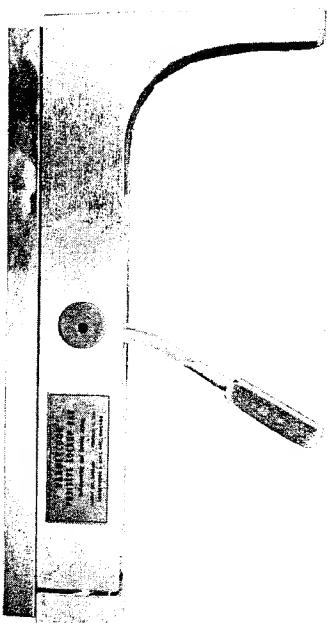
## CRESCENT OR WORM REPLACEMENT INSTRUCTIONS

VANDERBROOK UNIVERSITY I B, III TEST PROCESSES SHEET NO. 166



VANDERCOOK MODEL NO.	PART NO.	WIDTH
3, 4, SPI5, 15-20, 15-21	X-11410	15.000"
UNIVERSAL 1	X-14848	15.500"
319	X-17800	18.250"
UNIV. 11, 111, 219 (ALL)	X-11645	19.000"
SP20	X-20322	20.062"
425	X-17000	24.250"
325	X-11897	25.000"
SP25	X-23071	25.250"

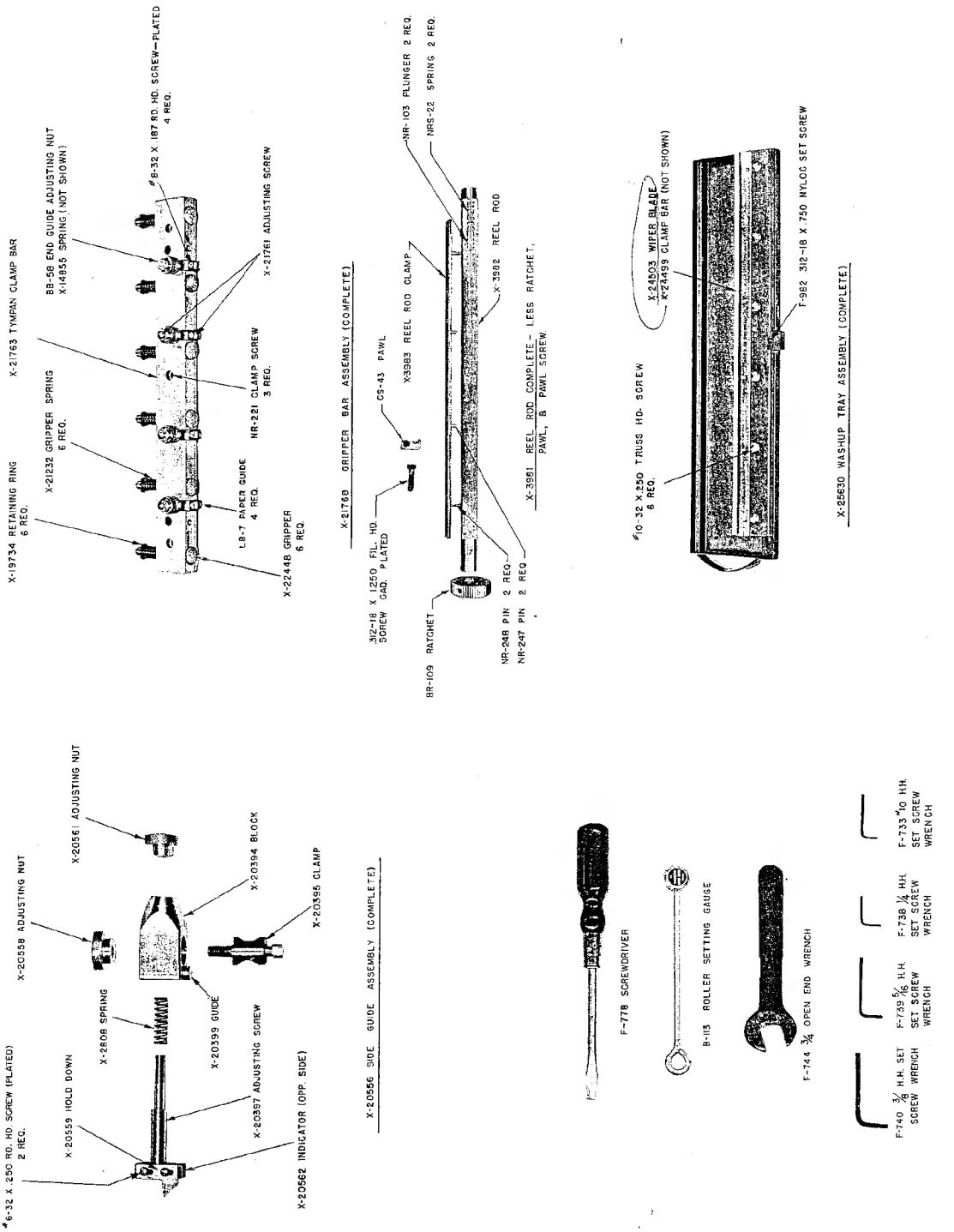
### LOCKUP BAR ASSEMBLY (COMPLETE)



VANDERCOOK MODEL NO.	A	B	C	D
3, 4, SPI5, 15-21	X-11405	X-11406	NS-399	X-11403
UNIVERSAL 1	X-11405	X-11406	X-14847	X-11403
319	X-17819	X-17820	NS-399	X-17818
UNIV. 11, 111, 219	X-11646	X-11643	NS-399	X-11644
SP20	X-11896	X-20323	NS-399	X-11886
425	X-17005	X-17004	NS-399	X-17003
325	X-11899	X-11898	NS-399	X-11887
SP25	X-11899	X-11898	X-23072	X-11887

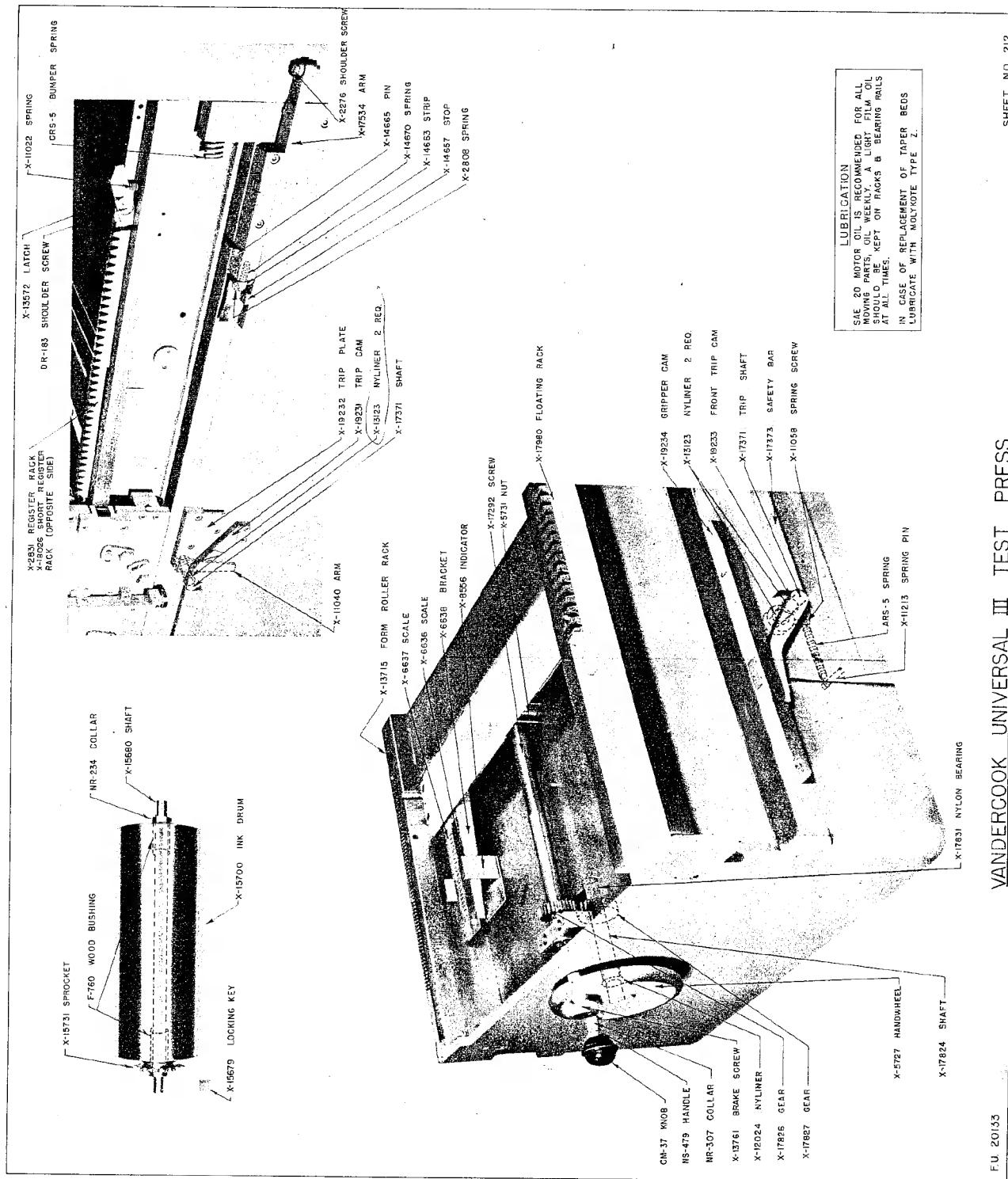
### VANDERCOOK POSITIVE LOCKUP BAR

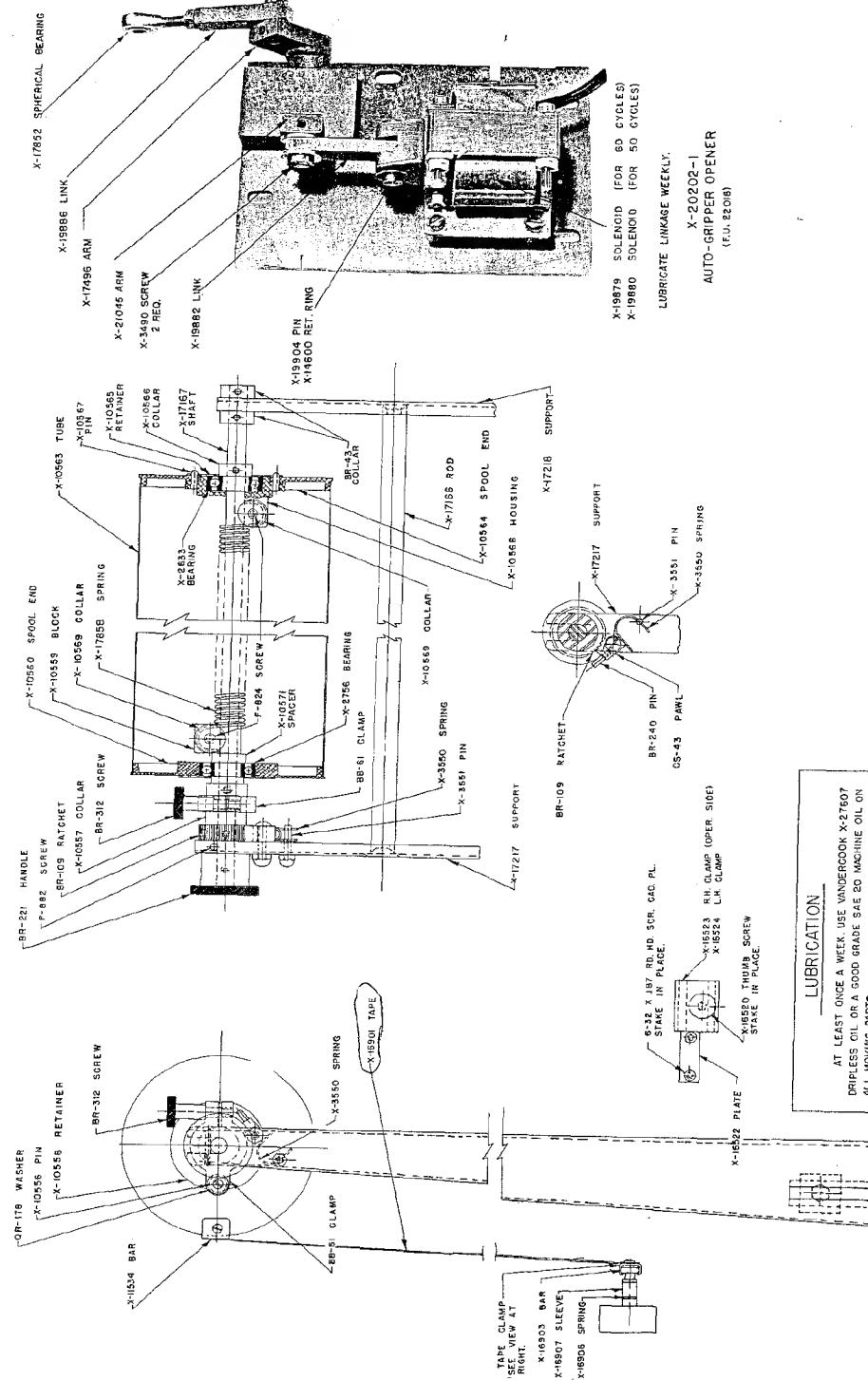
SHEET NO. 304  
REV. 6-66



VANDERCOOK UNIVERSAL III TEST PRESS

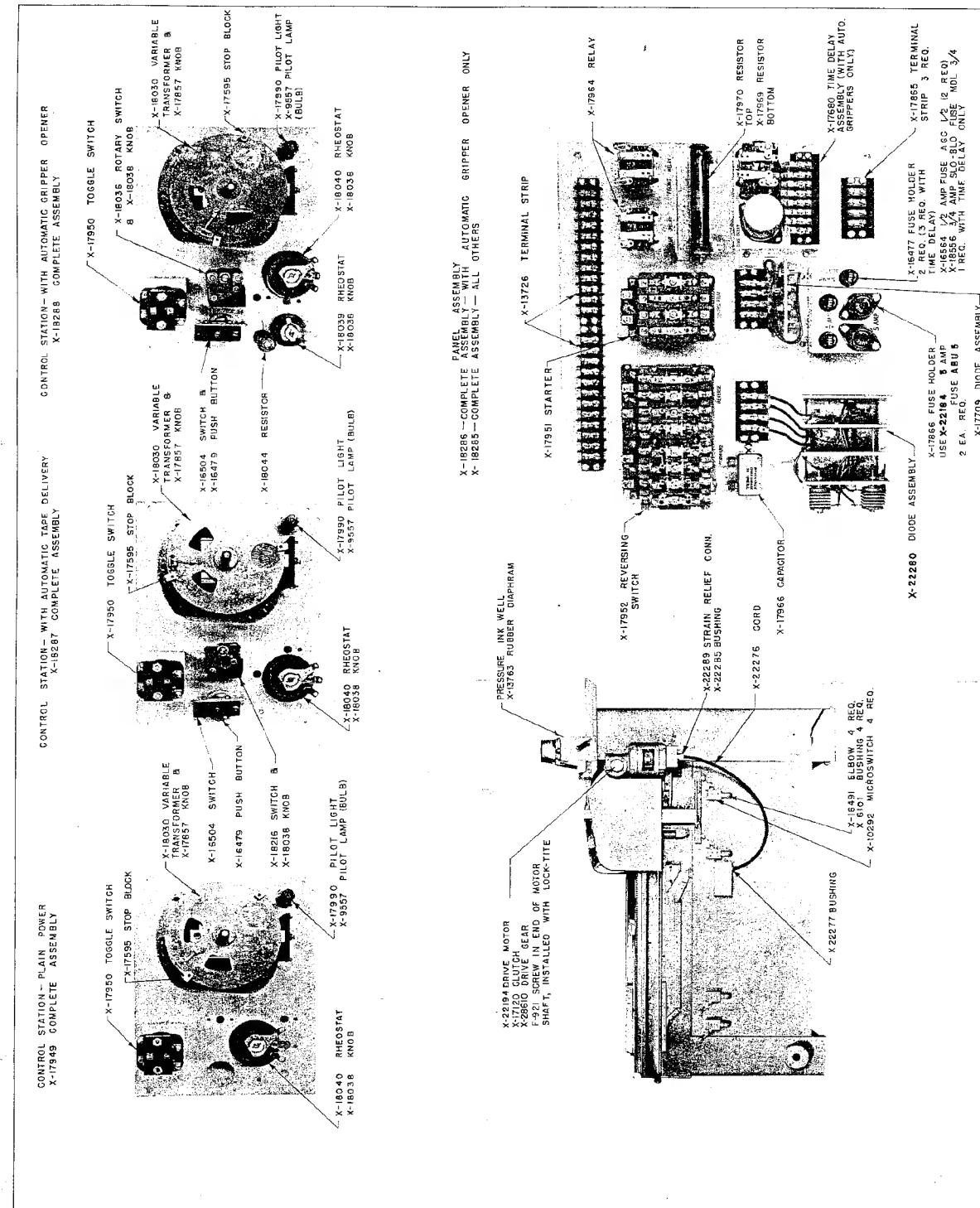
SHEET NO. 211 B





PUBLICATION

AT LEAST ONCE A WEEK, USE VANDERCOOK X-27607  
PRESS OIL OR A GOOD GRADE SAE 20 MACHINE OIL ON  
MOVING PARTS.  
ALL BALL BEARINGS ARE PACKED IN GREASE AND  
REQUIRE NO FURTHER ATTENTION.

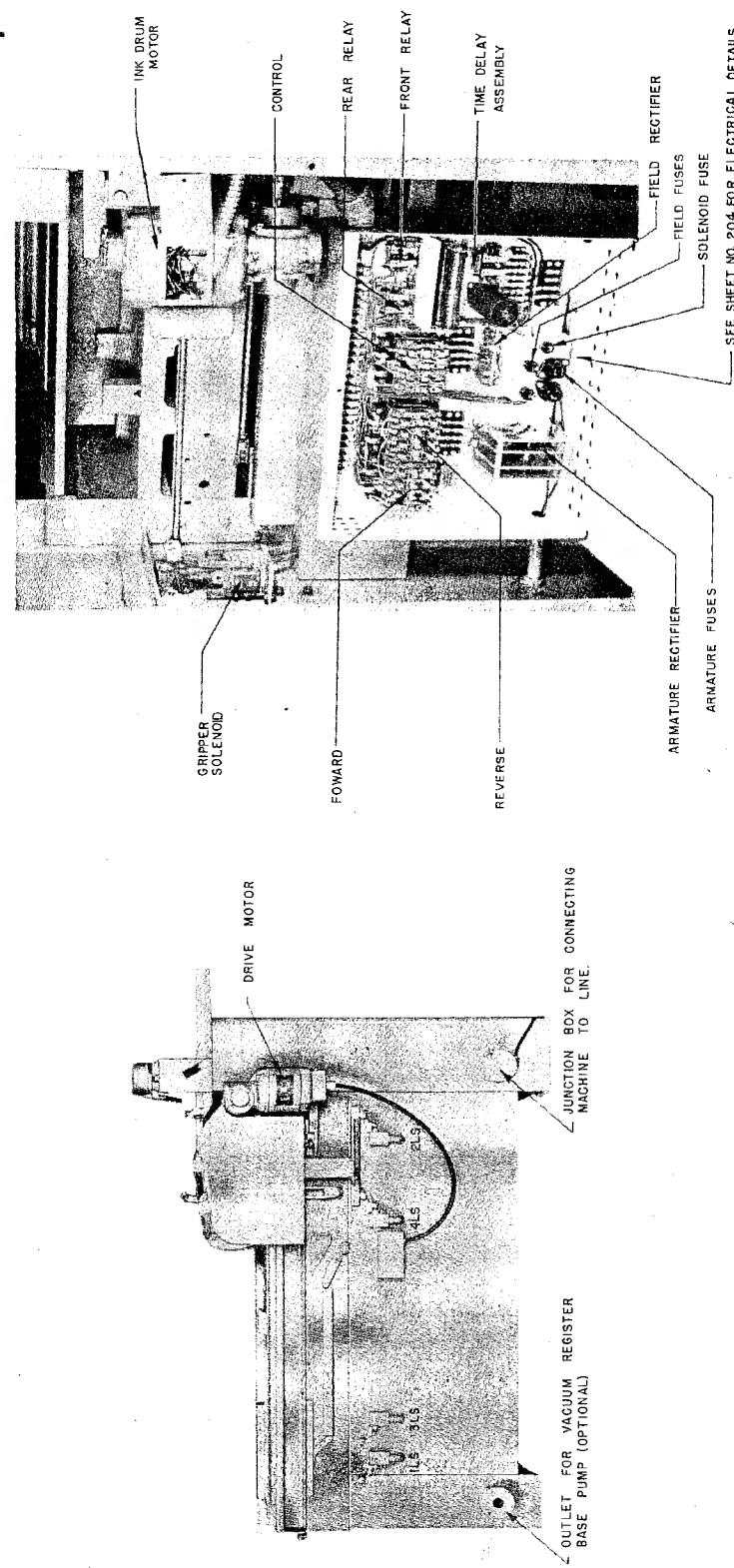
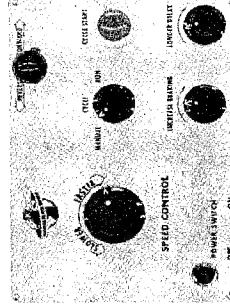


POWER DRIVE CONTROL STATIONS

WITH AUTOMATIC TAPE DELIVERY



WITH AUTOMATIC TAPE DELIVERY  
AND AUTOMATIC GRIPPERS

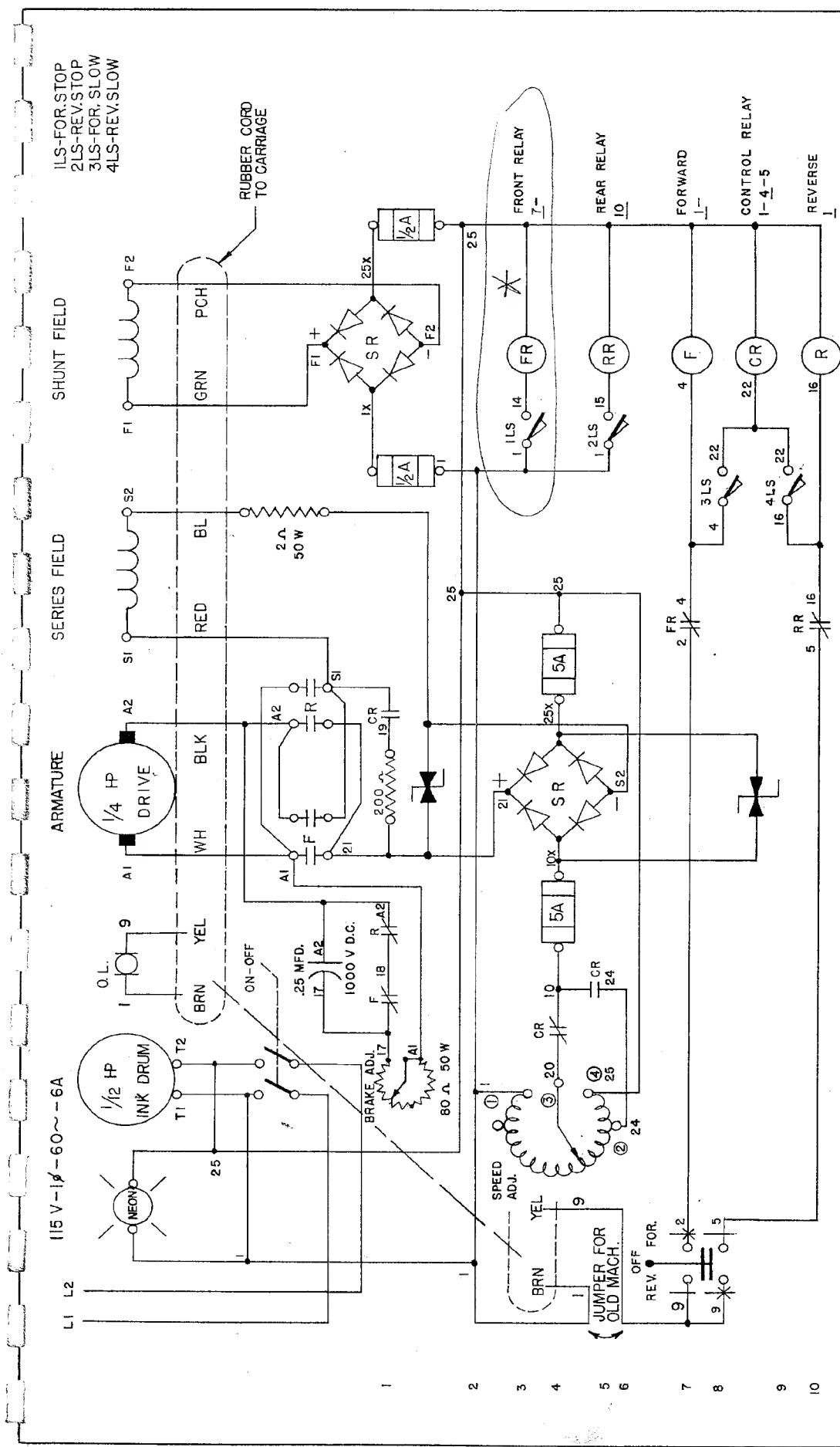


SEE SHEET NO. 204 FOR ELECTRICAL DETAILS

FU 20134

VANDERCOOK UNIVERSAL III TEST PRESS

SHEET NO. 222

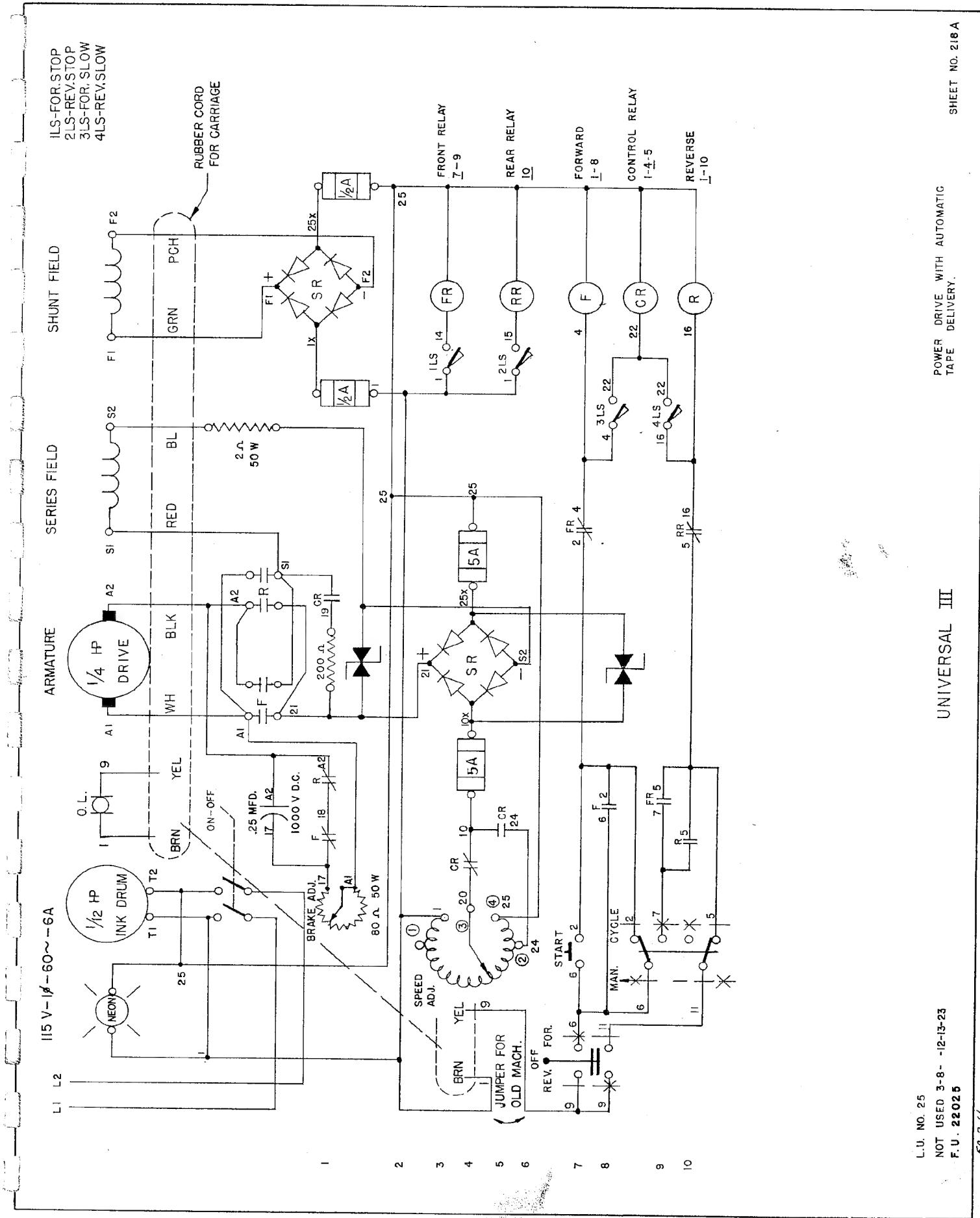


L.U. NO. 25  
NOT USED 5-6-7-8- -11-12-13-23  
F.U. 22025

UNIVERSAL III

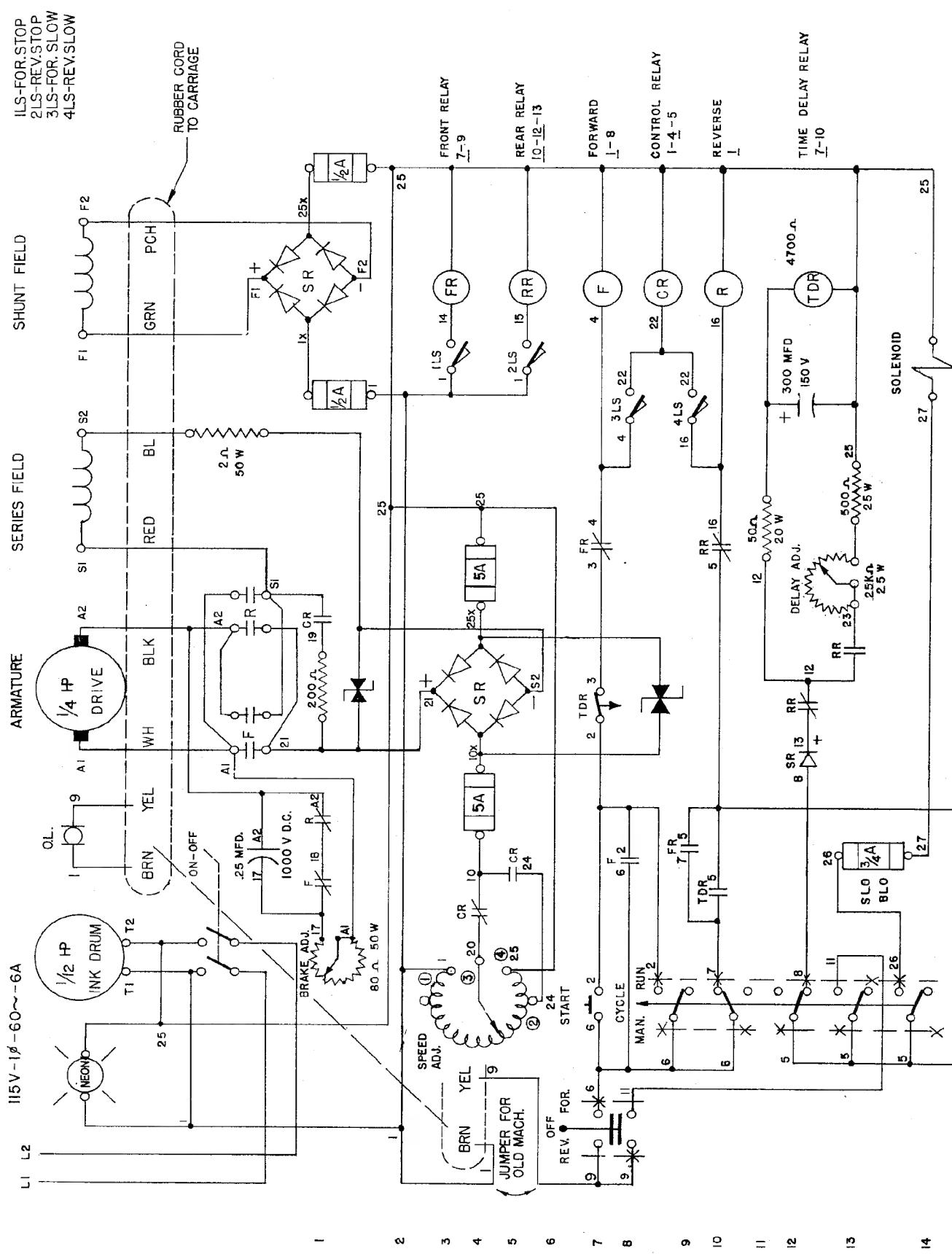
PLAIN POWER SHEET NO. 217A

SHEET NO. 217 A



L.U. NO. 25  
NOT USED  
F.U. 2202

50 2-66



F.U.22025  
NOT USED  
L.U. NO. 27

UNIVERSAL III

POWER DRIVE WITH AUTOMATIC  
TAPE DELIVERY & AUTOMATIC  
GRIPPER OPENER.

SHEET NO. 219 A